Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Tuesday 27 Dec 2022 until 23:59 on Wednesday 28 Dec 2022

Forecast Issued on Tuesday 27 Dec 2022 at 02:59

Confidence: High for unsettled, often wet and windy weather, but low confidence for details, especially timing of worst of conditions.

Headline for Tuesday 27 Dec 2022: A windy, but milder, cloudy day with rain, some heavy.

Mountain weather hazards on Tuesday 27 Dec 2022

Blizzards
No Likelihood

Heavy persistent snow
No Likelihood

Storm force winds
No Likelihood

Gales
Medium Likelihood

Severe chill effect
Low Likelihood

Poor visibility
High Likelihood

Thunderstorms
No Likelihood

Heavy persistent rain
High Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
FOG					
Fog	Sleet	Heavy Rain	Heavy Rain	Heavy Rain	Light rain
Precipitation probability					
40%	80%	>95%	>95%	90%	20%

Forecast for Tuesday 27 Dec 2022

Weather: Cloudy by daybreak with outbreaks of rain, perhaps a little wintry on the highest tops. Then a cloudy day with rain, heavy at times and rather persistent, especially through the afternoon. Rain clearing through the evening with some clear spells developing.

Chance of cloud-free hill tops above 600m: 10% becoming 70% by late evening.

Low cloud and visibility: Moderate or poor in rain and very poor in any summit snow and within cloud with broken cloud base 700m becoming persistent in morning and lowering to 500m, occasionally lower, but cloud breaking through the evening.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
© Crown Copyright 2022. All Rights Reserved.

Met Office Mountain Weather Forecast

Forecast for Tuesday 27 Dec 2022

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	18/25 S	23/31 S	30/40 S	36/48 SW	34/45 SW	25/34 SW	30/41 W
300	13/21 S	17/25 S	23/33 S	29/41 S	27/39 S	18/27 SW	20/31 W
Valley	6/20 S	9/23 S	14/32 S	18/39 S	16/36 S	12/26 SW	13/29 W

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	1/-5	2/-5	3/-4	4/-2	5/-2	5/-1	3/-3
300	3/-1	4/-1	5/-0	7/1	7/2	7/2	6/1
Valley	3/0	4/1	6/2	7/3	7/3	7/4	6/2
Freezing Level*	700m	1000m	1400m	1600m	1600m	1200m	1000m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Some chill effect at height, this significant in early hours, but milder by day. A windy day with gales over the summits and some buffeting.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
03:00 on Tue 27 Dec 2022	0.2mm	4.8mm	8.2mm

Forecast for Wednesday 28 Dec 2022

Weather: Clear periods in early hours but high cloud spilling over area by the end of the night. Then cloud lowering and thickening in the morning to bring periods of heavy rain. Rain becoming patchy in the afternoon then clearing in evening, but blustery heavy showers developing.

Maximum wind: Southwest 25 increasing 30-35 gust 45mph in morning, but possibly 40 gust 60mph over higher tops.

Chance of cloud-free hill tops above 600m: 80% overnight and later in evening, but little chance by day.

Low cloud and visibility: Good visibility much of the night and later in evening, but most of the day will have moderate occasionally poor visibility and very poor within extensive cloud, above 400 or 500m, though mostly scattered cloud above 600m overnight and later in evening.

Temperature: **Valleys:** Falling to plus 3 C overnight then rising to plus 9 C
At 600m: Plus 2 or 3 C rising to plus 6 C
Freezing level: Well above tops.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
© Crown Copyright 2022. All Rights Reserved.